

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY									
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH AUGUST					YEAR 2022				
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST					GROUND ELEVATION 6280 FT					STANDARD TIME EASTERN				
TEMPERATURE (°F)							PRECIPITATION (IN.)			WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER (TENTHS)	WEATHER OCCUR.			
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST MILE		TOTAL	% POSS				
												SPEED	DIR						
1	62	48	55	50	5	10	0	0.00	0.0	0	14.8	34	250 (W)	500	56	8	12		
2	58	48	53	50	3	12	0	0.44	0.0	0	32.8	71	300 (NW)	120	14	10	12		
3	58	44	51	50	1	14	0	T	0.0	0	22.3	44	300 (NW)	849	96	5	12		
4	65	54	60	50	10	5	0	1.70	0.0	0	27.4	49	280 (W)	491	56	9	123		
5	62	54	58	50	8	7	0	0.90	0.0	0	15.3	34	290 (W)	85	10	10	123		
6	65	55	60	49	11	5	0	T	0.0	0	24.2	58	270 (W)	180	20	10	12		
7	61	57	59	49	10	6	0	0.41	0.0	0	41.6	62	280 (W)	10	1	10	12		
8	64	57	61	49	12	4	0	0.23	0.0	0	37.8	61	250 (W)	120	14	10	12		
9	59	51	55	49	6	10	0	0.66	0.0	0	37.0	80	270 (W)	40	5	10	12		
10	54	44	49	49	0	16	0	T	0.0	0	14.0	41	250 (W)	239	28	9	12		
11	55	44	50	49	1	15	0	0.02	0.0	0	15.3	44	300 (NW)	180	21	10	12		
12	51	36	44	49	-5	21	0	0.01	0.0	0	15.4	37	300 (NW)	377	44	8	12		
13	46	37	42	49	-7	23	0	0.00	0.0	0	11.4	30	040 (NE)	10	1	10	12		
14	53	40	47	49	-2	18	0	0.00	0.0	0	8.6	28	040 (NE)	563	66	8	12		
15	55	44	50	49	1	15	0	0.00	0.0	0	6.6	19	140 (SE)	585	68	8	1		
16	52	45	49	49	0	16	0	0.16	0.0	0	23.3	42	090 (E)	400	47	9	12		
17	49	41	45	49	-4	20	0	0.84	0.0	0	35.0	77	010 (N)	40	5	10	12		
18	44	41	43	49	-6	22	0	3.19	0.0	0	40.3	68	300 (NW)	0	0	10	12		
19	54	43	49	49	0	16	0	0.05	0.0	0	40.6	74	290 (W)	365	43	9	12		
20	63	50	57	49	8	8	0	0.00	0.0	0	14.8	32	280 (W)	793	94	6	12		
21	62	50	56	48	8	9	0	0.00	0.0	0	22.9	44	190 (S)	747	89	9	12		
22	54	49	52	48	4	13	0	0.40	0.0	0	18.8	35	190 (S)	100	12	10	12		
23	58	50	54	48	6	11	0	0.68	0.0	0	8.9	23	220 (SW)	225	27	10	12		
24	53	49	51	48	3	14	0	0.52	0.0	0	26.3	53	300 (NW)	10	1	10	12		
25	53	48	51	48	3	14	0	0.00	0.0	0	25.2	53	300 (NW)	195	24	9	12		
26	59	46	53	48	5	12	0	0.61	0.0	0	28.1	74	270 (W)	100	12	10	123		
27	52	43	48	48	0	17	0	0.04	0.0	0	18.4	50	300 (NW)	35	4	10	12		
28	55	40	48	48	0	17	0	0.00	0.0	0	22.5	35	280 (W)	480	59	8	12		
29	60	50	55	48	7	10	0	0.00	0.0	0	31.5	56	250 (W)	150	18	10	12		
30	63	53	58	47	11	7	0	0.02	0.0	0	31.2	57	260 (W)	140	17	9	12		
31	54	41	48	47	1	17	0	0.57	0.0	0	39.2	68	280 (W)	120	15	10	12		
SUM	1753	1452	----	----	----	404	0	11.45	0.0	----	751.5	----	----	8249	----	284	----		
AVG	56.5	46.8	----	----	----	----	----	----	----	----	24.2	FASTEST	DIR	POSS	----	9.2	----		
											MISC.-->	80	270 (W)	26399	31%		----		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	51.7	TOTAL FOR THE MONTH	11.45	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	3.0	DEPARTURE FROM NORMAL	3.73	CLEAR (SCALE 0-3)	0	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	65 on 4th, 6th	24 HOUR MAX	3.19 on 18th	PARTLY CLOUDY (SCALE 4-7)	2	3 = THUNDER	
LOWEST	36 on 12th	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	29	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	0.0	WITH .01" OR MORE PRECIP	19	5 = HAIL	
MAX. 32 OR BELOW	0	24 HOUR MAX	0.0 on N/A	WITH .10" OR MORE PRECIP	14	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	0 on N/A	WITH .50" OR MORE PRECIP	9	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	0			WITH 1.0" OR MORE PRECIP	2	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.481 on 6th			X = TORNADO	
TOTAL THIS MONTH	404	LOWEST SEA-LEVEL	29.875 on 18th				
DEPARTURE FROM NORMAL	-101	AVG STATION	23.958				
SEASON TOTAL	862						
DEPARTURE FROM NORMAL	-111						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						
AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR				NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 358 HOURS OF PREVAILING WINDS FROM THE W, 48% OF THE TOTAL HOURS OF THE MONTH.			
	0600	1200	1800	0000	MONTH		
	91	87	95	94	92		